

Biobased solutions for papermaking

06.12. - 07.12.2022



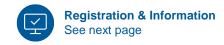
Tuesday, 06.12.2022

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10:00	Welcome and introduction		
10:15	Bioeconomy, circularity, climate neutrality – what else is coming and how should it work? Prof. Dr. Frank Miletzky, FM Innovation		
10:45	The potential of sustainable papermaking Dr. Lada Bemert, Voith Paper		
11:15	Cellulosic fibres and challenges in product development for flexible packaging Dr. Tiemo Arndt, Reflex GmbH & Co. KG		
11:45	Discussion		
12:00	Lunch Break		
13:00	Functional Biopolymers – Microsencapsulation Juta Rottke, Frauenhofer IAP		
13:30	Biobased Wet-Strength Agents based on Dialdehyde Cellulose Gerrit Schaper, Papiertechnische Stiftung (PTS)		
14:00	Sustainable deposit control for carefree water cycles in the paper industry. Lionel Pomade, Servophil AG		
14:30	Discussion		
14:45	Break		
15:45	Hybrid materials - a unique class of materials for surface finishing and functionalization Dr. Ferdinand Somorowsky, Frauenhofer ISC		
16:15	Opportunities and challenges in the design of bio-based barrier coatings for paper - an insight into current research activities Dr. Jennifer Daeg, Papiertechnische Stiftung (PTS)		
16:45	Discussion		

Wednesday, 07.12.2022

09:00	Welcome and introduction
09:15	Packaging films and paper coatings based on alginate Annekathrin Grüneberg, Mujo
09:45	Starch Application in Curtain Coating Dr. Diego Fort, Peter Leonhardt, Dr. Andreas Becker, Cargill
10:15	SUPD compliant grease and oil barrier – Biolay Dr. Alexander Riefert, CHT Germany GmbH
10:45	Short Break
11:00	Designing for end of life: accounting for the realities of packaging waste leakage Mara Jensen, One.Five
11:30	Paper modification by Plasma-enhanced chemical vapor deposition The potential of biogenic precursors. Dr. Andreas Geißler, Technische Universität Darmstadt
12:00	Discussion
12:30	Lunch Break
13:30	Laser mediated fusing of paper materials Florian Lull, Frauenhofer IWS
14:00	Starch based hotmelt adhesives as biobased alternatives to conventional systems Birgit Kießler, Dr. Alexander Feldner, Papiertechnische Stiftung (PTS)
14:30	Collagen – a versatile protein with potential applications in papermaking Dr. Enno Klüver, FILK Freiberg Institute
14:45	Discussion











Information



Date

Tuesday, 06.12.2022 Wednesday, 07.12.2022



Fee € 990,-





Chairs

Dr. Martin Zahel Dr. Marcel Haft



Location

Institut für Holztechnologie (IHD) Zellescher Weg 24 01217 Dresden



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- Catering
- Presentations



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